

What is claimed is:

A ceiling fan with sterilizing and air cleaner device constructed to include an upper cover, a driver, a motor, a cold cathode ray light tube, a securing annular plate, a lower cover, fan blades, a controller, and a
5 turning axle; characterized in that,

edges of the upper cover and the lower cover lodge into a groove of the securing annular plate, screws pass through screw holes and tighten down the upper cover and the lower cover to the securing annular plate, an array of protruding pieces are configured within the
10 securing annular plate, screws tighten down hook rings onto the protruding pieces, thereby securing the cold cathode ray light tube within the ceiling fan;

the motor is further mounted within the ceiling fan, the motor connects to the fan blades, a turning axle connects to a controller, and a switch is
15 configured on the controller, wherewith the switch controls operation of the motor, brightness and turning off of the cold cathode ray light tube;

material providing protection against ultraviolet rays is employed as the material for the upper cover and lower cover, the ultraviolet light rays emitted from the cold cathode ray light tube to sterilize and clean
20 the air is controlled to be within a range that is harmless to a human

body, while maintaining effectiveness to clean the air.

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